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Vol. 5 No. 21



OFFICIAL BULLETIN

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Issued Weekly  
\$1.75 per year  
Six Months Trial \$1.00  
March 1 1938

We welcome the following New Members--Cyrus Will Kenilworth Ill., Dick Cahill Salina Kansas.

In this issue you will find the other three days, of FCC Check, if you members will watch the vacant times, and fill in the Station that the FCC assign to the number you can keep your list up to date.

#### DX TIPS

—2:30--3:30 AM	980 Kc., XEFFE. Nuevo Laredo Tams.....	March 5.....	NNRC
—2:00--3:00 AM	640 Kc., CFQC. Saskatoon Sask.....	March 5.....	CDXR
—3:00--5:00 AM	1440 Kc., KELA. Centralia Wash. ....	March 6.....	All Clubs
3:00--4:00 AM	1420 Kc., CHLN. Three Rivers Que.....	March 6.....	IDA
—3:00--4:00 AM	780 Kc., CHWK. Chilliwack B.C.....	March 6.....	NRC
—4:00--5:00 AM (609 to 625 Kc.)	FQN. St Pierre Miquelon....	March 6.....	NRC & NNRC
—4:00--5:10 AM	1500 Kc. WWSW. Pittsburgh Penna.....	March 8.....	CDXR
—2:00--3:00 AM	1210 Kc., CJCS. Stratford Ontario.....	March 9.....	NRC
—2:00--6:00 AM	1160 Kc., CMHJ. Cienfuegos Cuba.....	March 10.....	AWT
2:30--3:30 AM	1410 Kc., WHIS. Bluefield W. Va.....	March 10.....	AWR
3:00--5:00 AM	1290 Kc., MNEL. San Juan P.R.....	March 12.....	
—3:00--3:30 AM	1500 Kc., CJIC. Sault Ste. Marie Can.....	March 12.....	NRC
—2:00--4:00 AM	810 Kc., XEDF. Nuevo Laredo Tams.....	March 13.....	NRC, Radio News and UDXC
—2:00--3:00 AM	1350 Kc., KIDO. Boise Idaho.....	March 13.....	AWR
—3:00--4:00 AM	750 Kc., XEAA. Mexicall B.C.....	March 13.....	

Note CJOR-600 Kc., Vancouver B.C. will be on March 24 from 3:00--4:00 AM EST and will not be on March 17.

Next week we will have a very nice write up from William Burkhart—of Goulds Fla. telling how the All Continent Round Table—Went Twice around the World in Three minutes Twenty Seconds—All the Amateurs that was on the round table works on the 20 meter Phones.

#### Late News

Chuck Schaefer—Cleveland Ohio. In as much as Dx is at premium now with all these warm an rainy days. I will give my Dx during the past week. Of all the canadians Special I heard only CJBR-CKCK with static quite high, yet 1-2-3-4YA came in very weakly several times of late. I put my antenna up last week and this morning its down again. (Chuck, that excuse about your antenna is alright OM, but not for me. Hi) HMG. Stations heard this morning. CKCK-KRRU-KGLO-KWSC-KTMS-KROW-KVOD-CBO-and XEBR.

Harry Hawkins—Manchester N.H. {Reports on our SOS of last week as being XELZ-1370 Kc., Bob Botzum—Reading Pa. }

Harry Hawkins—Also reports that he has received thes veries from Jan. 5 1938-WMFR-WSOC-XEKL-WNEL(fd ruler as a gift)WFOR-WCHV-HCRJ-CMCM-CMCY-ZNS-KICA-WNBZ-KSL-CKLW-WATL-WARD-CJBR-WMBO-WJBO-WHAS-WJEJ 995 watts)

Late tip-KRBC-1420 Kc., Abilene Texas March 7 from 4:50 to 5:10 A.M.E.S.T. Other tips are on page Three.

# SINGLTON & ELIMATOR CONTEST

Singletons:-

Botzum:- CKCK CKGB CJIC CMCC CMCW CMGF CMHM CMOK KARM KGNC KPOF KTBS  
 (Pa.) KTJ KVEC WSNJ XEFE XEFW XEBH XERB YV5RA Beromunster Bologna. 48.

Criswell:-KRE - 66 $\frac{1}{2}$ . - (Fa.)

Eder:- KGFX KMED KWG. - 38. - (Minn.)

Forestieri:-FRA9 Paris 695; Marseilles 749; Lyon-la Doua 648; 5CK 5CL.  
 (N.Y.) 65

Hawkins:- KFGQ KICA KIEM KONO KXO WILM CFQC CRCS. - 59. - (N.H.)

Horner:- KASA KERN KGEZ KTAT KUMA WSAR - 63 $\frac{1}{2}$ . - (Pa.)

Hunt:- JOAK2 JQBK1 JQBK2 JOCK1 JOCK2 JOFK JOGK JOHK JOIK JOJK JOLK  
 (Cal.) JOFK JOQK JOHG JOIG JOOG JOOG JOMG JBCK. - 95.

Johnson:- WAAT WABC WADC WATR WAZL WBAL WBOQ WCAL WCAU WCBA WCRW WDAH  
 (N.Y.) WDEV WEDC WELI WGAN WGBF WGL WGRM WHAZ WHBY WHDL WHEB WHJB  
 WHP WIBA WJAR WJBW WKY WLAC WLBB WMAL WNBB WOMT WOV WPTF WQAN  
 WRAX WRC WRDO WROK WSBC WSFA WTAD WTAG WWL WWNC TGW TGS YV5RQ  
 CB69. - 115.

Lundberg:-CFRN KFRC KGDE KGNF KIUN KNET KTRB KXRO. - 54. - (Minn.)

Robb:- KDB KTKC XEF 2NR 3VV. - 29 $\frac{1}{2}$ . - (Kans.)

Routzahn:-FQN KTFI. - .52. - (Pa.)

Schaeffer:-CMBG CMCB KFH KFKU KFOX KHQ KIDW KOH KOMA KOMO KSD WMEX XETF.  
 (Ohio) 49.

Snyder:- XEOK. - 52 $\frac{1}{2}$ . - (Mich.)

Stone:- CFPL CMK KADA KFEL KFPY KGKO KMLB KOBH. - 134 $\frac{1}{2}$ . - (Ont.)

Tucker:- 17 $\frac{1}{2}$ . - (Ohio)

Weaver:- 9 $\frac{1}{2}$ . - (Pa.)

Wheeler:- 3 $\frac{1}{2}$ . - (Pa.)

Eliminators:-

Botzum eliminated Stone's CFAC KFEQ. - Schaeffer's KGKL KMO KSL KXL. -  
 Johnson's WHB WSPR.

Hawkins " Lundberg's WALR.

### POSSIBLE SINGLETONS (MEXICAN)

XEAD XEAF XEAG XEAL XEAM XEAQ XEAS XEAT XEAY XEBA XEBI XEBJ XEBK XEBL  
 XEBX XEBZ XEC XECW XECZ XED XEDA XEDF XEDP XEDW XEE XEFA XEFB XEFC XEF  
 XEFJ XEFV XEH XEI XEJ XEJP XEK XELA XELZ XEMG XEMX XENC XES XETH XEX  
 XEXB XEXC XEXH XEXS XEYQ XEZ.

Page three All time E.S.T. CALL FREQ LOCATION	NATIONAL RADIO CLUB DX NEWS			MARCH 1, 1958, All time E.S.T.
	DX CALENDAR	FROM TO CLUB CALL FREQ LOCATION	FROM TO CLUB	
	<u>FRIDAY, MARCH 4.</u>			
KIT 1250 Yakima	3-6 NNRC			
	<u>SATURDAY, MARCH 5.</u>			
KSAL 1500 Salina	2:30-3 KUSD 890 Vermillion		3-5 UDXC	
KELA 1440 Centralia CHLN 1420 Three Rivers	3-5 CHWK 780 Chilliwack		3-4 NRC	
	3-4 IDA WJBO 1120 Baton Rouge		2-4	
	<u>THURSDAY, MARCH 10.</u>			
KOBH 1370 Rapid City	3-4 NRC&			
	<u>FRIDAY, MARCH 11.</u>			
WJAG 1070 Norfolk	1:30-2			
	<u>SATURDAY, MARCH 12.</u>			
KFUQ 550 St. Louis	2-4 ZNS 540 Nassau		11-11:30FM NNRC	
	<u>SUNDAY, MARCH 13.</u>			
KEDF 810 Nuevo Laredo	2-4 NRC& WCKY 1490 Covington		3-4 IDA	

#### NATIONAL POST OBSERVER REPORTS

BOB BOTZUM, Reading, Penna. - Reports that reception on Feb. 20 & 21 was excellent.

Feb. 20 1310 KRBA Testing till 2:33 AM. West Coasters came in strong, 910 CJAT heard R7. CFAC & CFCT also heard although latter fading badly.

Feb. 21 1330 CMHK till 2:10 A.M. -- 1450 WSAR with fine DX pgm. Pacific Coasters again strong. KERN, KRE, KGFJ & KRSC all heard with good verification material. CFAC on till 3 A.M. with all-request program.

Bob reports that he has identified the Mexican on 1370 kcs., as XELZ he says he has heard them several times between 2 and 3 A.M. He also reports hearing KEDF 1080 kcs. lately on Sunday mornings as late as 3 A.M. He says XERB are now verifying by an attractive card. Address given is Radio Difusora XERB, Apartado Postal #47, Tijuana, Baja Calif., Mexico. The address of KARM is, 1333 Van Ness Ave., Fresno, Calif. Bob reports that they verified his report of Jan. 15th. He also states that KGLO, Mason City, Iowa uses W9RX, Relay Portable, 2 watts on 31,100 kcs., according to information recently received from the station.

Bob also reports that WTOL, 1200 kcs., Toledo, Ohio tested Tuesday morning, Feb. 22 with R7 signal. SO @ 3:50.

FRANK SCHMIDT, Pittsburgh, Pa. - Says it's about time for a report from the Pittsburgh Dutchman! DX has been on the upgrade here in the "Smoky City" for the past couple of weeks., as a result 11 new stations were added to the log in as many days. Best of the lot are: WFRA, CMHJ and TGW. Reports out to; WGRM, KIRO, ZNS, CBO, KGLO and TGW. The Guatemala station has been heard several consecutive Sundays until around 1 A.M. with very good signal. No luck with the TPs except KGU which has been heard with very weak signal. Log 741. Additions this season number 44.

LEO HERZ, Chicago, Ill. - Reports excellent reception of CMQ on 600 kcs. nearly every evening in Chicago.

HARRY HAWKINS, Manchester, N. H. - Says DX is generally much poorer than last year at this time. However, lately there have been a couple nites of excellent reception. Especially

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NATIONAL RADIO CLUB DX NEWS MARCH 1, 1932.

Harry Hawkins (Continued:- February 18, during which time two new stations were logged, XELZ and XEK. XELZ

on 1370 kcs., should be an easy catch for anyone. Thus Harry confirms Bob Botzum's identification of this particular station. He says they are on until 2:00 A.M., except Sundays. XEK signs off at 1:30 and can be easily identified on 990 kcs. Not a TA heard all seasons Harry says that WFEA is really eager to DX for the DXers, but that most likely such a program will not be forthcoming from this station until around next December 1st. Harry says that he might also be able to arrange with WHEB to go on at the same time.

J. WARREN ROUTZAHN, York, Pa. - Reports that his latest veries are WIL, CJBR, FQN & WBNX. Latest catch CMCM. -

Feb. 17	660 XELO R8	at 2:40 A.M.	1360 KGER R6	at 3:00 A.M.
	950 KFWB R7	at 2:45 A.M.	1200 WFTC R8	at 3:01 A.M.
	1280 WDOD R8	at 2:48 A.M.	1440 KXYZ R6	at 3:15 A.M.
	1370 WPAY R7	at 2:55 A.M.	900 KHJ R7	at 3:30 A.M.
Feb. 19	900 WELI	at 4:20 on DX Pgm.	1200 WIL R8	at SO. 4:30 A.M.

According to all reports at hand, it would seem that reception conditions are at last on the way to improving. We surely all hope that the improvement will last for a little while, inasmuch as we feel safe in saying that this has been one of the poorest seasons that any of us can remember for a long time. Practically nothing was heard of the TP stations in the fall, and the TA's failed to produce much of interest in December and January, so, it is our sincere hope that we will be able to end the season with reception conditions on the upgrade. We therefore urge all of you, who have for some reason or other, done little or no DXing during the past few months, to dust off the old headphones and get back into DXing in earnest, since we believe that if conditions improve sufficiently, that it will be more than worth your while to spend some time at the old receiver again.

NPO reports have been at a low ebb during the past few weeks, a fact which we attribute to the poor conditions which we have experienced during this season, however, if conditions are improving, we hope that likewise, we too, shall receive a greater number of NPC reports during the ensuing weeks. Surely we can find something of interest in your reports for the other members of the club. So, let's have what information you do have, so that we can make our Bulletins as interesting as we possibly can each week.

During the past few weeks the interest in the Singleton & Eliminator contest has also been lagging. We had hoped that by offering a second prize, another year's membership in our club, that we would be able to maintain the fine interest which had thus far been shown in this contest for the whole season, however, we no sooner announced the extra prize, than almost at once the interest in the contest seemed to lag. If you hold any Singletons or Eliminators, won't you please send them along, in order to revive the interest in this contest. Please remember that only those verifications which have been dated since January 1, 1937 are eligible for this contest.

We want to take this opportunity to congratulate Harry Gordon on the fine job that he did for us with the new After Midnight Monitoring schedules. We know that our members appreciate having this information so that they can successfully hear those stations which will participate in the frequency checks this month.

## "TWICE AROUND THE WORLD IN THREE MINUTES TWENTY SECONDS"

BY

William Burkhardt  
W4DLH  
Goulds Florida

Amateurs win world record---In unique all Continent Round Table Hook-Up covering 54,100 Statute Miles in three Minutes Twenty Seconds on Radiophone.

Six Radio Amateurs in as many Continents complete an all Continent "Round Table" chat in world record time. Their voices had to travel 54,100 Statute miles to complete the all Continent circuit. A distance equal to more than twice around the world. Speed in girdling the Globe was the object and 271 miles per SECOND was the reward.

For two weeks W4DLH of Goulds Florida, the originator of the all Continent "Round Table" idea, was busy arranging test schedules with efficient Amateur Radiophone stations in other five Continents. January fourth was the date set for the trial run. 1230 Greenwich (International) time was the ZERO HOUR.

What were these six amateurs thinking of as the "Zero hour" approached? Surely each must have felt much concerned in the knowledge that he was chosen to represent his great Continent. Thought like this must have occurred: Suppose my phone transmitter should fail...suppose I cannot hear the station from whom I am to pick up and relay...any number of a hundred things could happen. Wouldn't failure on my part be a tremendous disappointment to five other Amateurs on as many other Continents? No success MUST come...each station must quickly weld his continental link to the fast moving chain that was destined to girdle the World at fame making speed. And SUCCESS IT was.

"Bill" Burkhardt, W4DLH representing North America, tee's off at Goulds Florida and after a short transmission turns it over to ASIA. VU2CQ of Bombay India turned the relay over to EUROPE. G5ML of Kenilworth England then quickly turned it over to South America. HK5AR chatted for thirty seconds and handed it to VK4JU of Brisbane Australia. From Australia the ever lengthening chain paused for forty seconds at Africa. SU7KKG Alexandria Egypt was the relay for Africa, who quickly turned it back to W4DLH in Goulds Florida, to complete the 54,100 mile run in World record time of three minutes and twenty seconds.

Success at last...but behind the scenes sat six weary but happy Radio Amateurs. The all Continent "round table" did not just happen..it took hard work on the part of each Continental link. A common understanding and interest and the finest kind of co-operation made this historical radio fete possible. Any chain is only as strong as its weakest link..one little slip up meant failure. Plans had to be made and agreed upon, even the best time of day and time of month had to be considered. Bill Burkhardt of Goulds Florida daily for two weeks called the all Continent roll call at 1300 GMT. Short wave conditions and plans were discussed at these roll calls. And each Continental radio phone was on hand when conditions permitted to lend a helping hand.

(Cont next week).

I was going to pass this item over for one more week, but at the last minute find that I have one vacant page so had to fill in something. If you member like this let me know as I have several articles of this kind.

## AMATEUR HT-LIGHTS

Boris Kozel Amateur Editor: 15412 Waterloo Rd., Cleveland, O.

*	CQ2AV	- - - - -	Ken Miller	- - - - -	R- 8	QSA- 5	Miller *
*	HY	- - - - -	"	- - - - -	R- 9	QSA- 5	Miller *
*	EG	14.10	CQ - DX (England, Germany)	6:30 PM	R- 8	QSA- 4	Eder *
*	KC	- - - - -	"	- - - - -	R- 8	QSA- 5	Miller *
*	LY	- - - - -	"	- - - - -	R- 9	QSA- 5	Miller *
*		Manuel Gonzalez Rodriguez	Box 570 Habana Cuba		R- 9	QSA- 5	L Herz *
*	VW	- - - - -	"	- - - - -	R- 9	QSA- 5	Miller *
*	WZ	- - - - -	"	- - - - -	R- 7	QSA- 4	Miller *
*	CQ7CX	14.04	Communicating with W4DHM	8:56 PM	R- 8	QSA- 4	C Eder *
*	VF	14.06	Stand Bye (Virginia Penna)	10:10 PM	R- 7	QSA- 4	C Eder *
*	CQ8YB	14.05	Communicating with W2PY	7:48 PM	R- 6	QSA- 3	C Eder *
*	F 3GR	- - - - -	"	- - - - -	R- 3	QSA- 3	Miller *
*	HN	- - - - -	"	- - - - -	R- 7	QSA- 4	Gordon *
*							*
*	G 2PL	- - - - -	Calling CQ and testing	- - - - -			Gordon *
*	2PU	- - - - -	Calling CQ	- - - - -			Wagner *
*	G 5BP	- - - - -	"	5:28 PM	R- 5-6	QSA- 4	L Herz *
*		H. N. D. Bailey, 163 Newland Park, Hull, Yorks, England.					*
*	5CQ	- - - - -	Calling CQ - Dx	- - - - -			Wagner *
*	5DT	- - - - -	"	5:22 PM	R- 7	QSA- 4	L Herz *
*		Lt. S. C. Tucker, R. N. "Eadement" Crayford Kent, England.					*
*	5LU	- - - - -	"	5:24 PM	R- 7-8	QSA- 5	L Herz *
*		R. D. Tucker, Shoulders Newelsfield Green, Haywards Heath, Sussex England					*
*	5N1	W.H.D.Nightingal "Winswood" 3 Beaks Hill Rd, Kings Norton	- - - - -				Gordon *
*	5R7	Radio Victoria calling test and DX	- - - - -				Gordon *
*	5SD	A.M.C.Christian, "Dhoon House" Promenade, Castletown, Isle of Man	- - - - -				Miller *
*	G 6AH	Calling CQ and DX	- - - - -				Wagner *
*	CL	- - - - -	"				Gordon *
*	JQ	- - - - -	"	5:26 PM	R- 5-6	QSA- 4	L Herz *
*		E. W. Storer, Rutcliffe, Aerodromo, Leicester, England.					*
*	LX	Calling CQ	- - - - -				Gordon *
*	FTZ	- - - - -	"	6:20 PM	R- 6	QSA- 4-5	L Herz *
*	XR	- - - - -	"	5:17 PM	R- 6	QSA- 4-5	L Herz *
*		H. V. Cook, 78 Fyken Ave., Fyken Coventry, England.					*
*	GI2CC	Or may be it was GI2CZ	- - - - -	5:24 PM	R- 4-5	QSA- 5-4	L Herz *
*	GM2UU	Calling a W9	- - - - -				Wagner *
*							*
*	HH1PA	Calling CQ	- - - - -	8:45 PM	R- 6	QSA- 4	Gordon *
*	HT5X	14.04 Calling W2CO	- - - - -	10:04 PM	R- 8	QSA- 5	C Eder *
*		"	- - - - -	5:29 PM	R- 9-10	QSA- 5	L Herz *
*		Walter Fox, Box 127, Ciudad Trujillo, D. R. (Carl Eder & Leo Herz)					*
*	7G	- - - - -	"		R- 7	QSA- 5	Miller *
*							*
*	KALBH	Calling a K6 at 12:15 AM Feb 14th	- - - - -				Wagner *
*	K4FAY	14.29 South Rhodesia	- - - - -	11:55 PM	R- 8	QSA- 4	C Eder *
*	K6BN R	14.26 Communicating with W4BYY	- - - - -	11:20 PM	R- 9	QSA- 5	C Eder *
*		"	- - - - -	10:50 PM	R- 7	QSA- 5	L Herz *
*		Emil O. Rettig, Hq. Co. 21st Infantry Shoefield Barracks, Honolulu Hawaii					*
*	MZK	14.20 Calling CQ	- - - - -	11:32 PM	R- 8	QSA- 4	C Eder *
*	OQE	14.26 Communicating with W9FJ	- - - - -	9:06 PM	R- 8	QSA- 4	C Eder *
*		Calling a W9	- - - - -				Gordon *
*	LA1PF	- - - - -	"		R- 4	QSA- 5	Miller *
*	LU5CZ	- - - - -	"		R- 5	QSA- 4	Miller *
*	6KE	- - - - -	"	-R- 7 -	QSA- 5	Miller *	

( Continued on Page Two )

\* \* \* \* \* Amateur Hi-Lights - - - - - Contined

\* OA4AL - - - - - R- 5 Q- 4 Miller  
 \* PAOMQ Calling CQ-DX @ 2:30 AM - - - - - R- 7 Q- 4 Miller  
 \* MZ - - - - - R- 7 Q- 4 Miller  
 \* PY2E T- - - - - R- 7 Q- 5 Miller  
 \* SULCH E.M.Chorlian, 24 Rue Tel-El-Kebir Heliopolis Egypt 5:22 PM R5/6 Q5 L Herz  
 \* VELAW C.H.Short, Armdale P.O. Halifax, N.S. Canada. - - - 6:02 PM R-7 Q5 L Herz  
 \* BH - - - - - R-6 Q-4 Miller  
 \* CA - - - - - R-5 Q-4 Miller  
 \* DO - - - - - R6 Q-5 Miller  
 \* VE3HB - - - - - R-8 Q-5 Miller  
 \* 4BD - - - - - R8 Q-5 Miller  
 \* BF - - - - - R-7 Q-4 Miller  
 \* GV - - - - - R-5 Q-5 Miller  
 \* JJ - - - - - R-8 Q-5 Miller  
 \* KZ - - - - - R-7 Q-4 Miller  
 \* OF - - - - - R-8 Q-5 Miller  
 \* RA - - - - - R-7 Q-4 Miller  
 \* TE - - - - - R-6 Q-4 Miller  
 \* TM W.P.Lard, 1428 E 8th Ave., Calgary, Alta Canada 9:22 PM R-8 Q45 L Herz  
 \* ZK - - - - - R-9 Q-5 Miller  
 \* VK2GU or VK2JU (???) - - - - - 8:03 AM R-6 Q45 L Herz  
 \* 3JA - - - - - R-4 Q-4 Miller  
 \* RP R.L.Payne, 39 Retreat Road, Newton, Geelong Aust. - 8:02 AM R-7 Q-4 L Herz  
 \* UOC ????? CRA Unknorn- - - - - 8:05 AM R-6 Q-4 L Herz  
 \* ZZ G.S.McLeod, Milne St., Crib Pt. Victoria, Aust. - 8:00 AM R-5 Q-4 L Herz  
 \* 4EC E.W.Cagney, Brakner St., Rockingham QLD, Aust. - 8:00 AM R56 Q-4 L Herz  
 \* VOLI Oscar Hierlthy, 86 Pleasant St., St.Johns. N.F. - 5:15 PM R-3 Q-5 L Herz  
 \* - - - - - Also heard by - - - - - R-7 Q-5 Miller  
 \* 6D Send QSO's via T.C.Cunningham 5228 Ponsard Ave., Montreal, P.Q. Canada  
 \* - - - - - 9:25 PM R-8 Q-5 L Herz  
 \* VP3BG - - - - - R-3 Q-4 Miller  
 \* 6MR - - - - - R-7 Q-5 Miller  
 \* YB T.A.Archer, Clarodon,Pine Rd., St.,Michiel 15, Barbados ( 5¢ Stamp)  
 \* 14.06 QSO'ing with W1JUG - - - - - 10:04 PM R-7 Q-4-C Eder  
 \* F4DLK - - - - - R-9 Q-5 Miller  
 \* 6HAX - - - - - R-8 Q-5 Miller  
 \* 7ESW - - - - - R-8 Q-5 Miller  
 \* JQ - - - - - R-8 Q-5 Miller  
 \* 9DZØ - - - - - R-7 Q-5 Miller  
 \*  
 \* KELDT Carlos Navia Fresno, Box 7, San Martin Texmelucan Puebla, Mexico  
 \* - - - - - 10:52 PM R-9 Q-5 L Herz  
 \* KG 14.08 CQing(Kentucky Germany) Not in Call Book - - 8:37 PM R-8 Q-4 C Eder  
 \* ZJR - - - - - R-3 Q-4 Miller  
 \* LK - - - - - R-8 Q-5 Miller  
 \* 2BJ J. Jesus Salido, Hacienda Alamada, Bacabampo Son.Mex 10:45PM R-9 Q45 L Herz  
 \* FC - - - - - R-8 Q-5 Miller  
 \*  
 \* YV5ABY 14.08 Calling W2AZ (QRA not listed in Call Book) 7:50 PM R-7 Q3 C Eder  
 \* - - - - - 5:19 PM R56 Q-4 L Herz  
 \* 1AO 14.00 CQing Alabama Quebec - - - - - 8:47 PM R-7 Q-4 C Eder  
 \* 4AA 14.08 CQing America America - - - - - 11:07 PM R-6 Q-3 C Eder  
 \* 5AP 14.25 Cornelio Nouel,Norte 13 #17 Caracas Venez - - 7:38 PM R-8 Q-4 C Eder  
 \* 5QB 14.15 Herman Degwitz, Caracas Venez - - - - - 11:10 PM R-7 Q-3 C Eder

\*  
\* Amateur Hi-Lights - - - - Continued.  
\*

\* ZS1B Calling CQ - - - - - R-7 Q-4 Wagner \*  
\*\* 3S Calling CQ DX- - - - - R-6 Q-4 Gordon \*  
\* ZU6P F.F.Meyer, 24 Sandown Rd., Bramley, Johannesburg S.A. R-7 Q-3 C Eder \*  
\* - - - - -

PLEASE SEND ALL REPORTS TO -

Boris Kozel Amateur Editor NRC., 15412 Waterloo Road, Cleveland, Ohio U.S.A.

CALLING CQ !

NATIONAL AMATEUR LISTENING POST NUMBER 4

Our NALP #4 is operated by Mr. Leo Herz of 730 Roscoe Ave., Chicago, Ill. U.S.A. Mr Herz has well earned the title "The Ears of Chicago's Lake Shore". He is a regular contributer to this section and we look forward to his reports with keen interest. We understand that Mr. Herz uses a 6 tube receiver of the all wave superheterodyne type. His antenna consists of an RCA RK40 erected in a general direction of North east to South west. We understand that he has 266 reports out and is looking for a "few" verifications to pop in most any old day. At the time of his writing this report he advised that there was a blizzard in progress in good old Chicago and the wind was rather strong. While he did not comment on on how he found the Dxing conditions we take it from his report that they must have been quite good. In your next report to this section Mr. Herz we would be very happy to receive a little idea of how you find conditions for that particular time and no doubt our other readers will find these brief narratives of interest.

HH5PA Jacques Berliant, Box 16, Port-Au-Prince, Haiti was heard by Mr. Herz and he advises us that this gentlemen is a nonverifying "ham". In fact he will not QSL for SWL or QSO's. So remember boys don't waste your money in reports.

KEN MILLER

Mr. Ken Miller very delightfully surprised your "Ham Editor" with a very fine report showing the extent of his dx activities for the past week or so. We are certainly glad to get your report OH and we hope that it will not be too much if we ask you to continue sending in your splendid reports whenever you can. It seems that we don't know much about this gentlemen at the present writing, But we are going to put a little "heat" on our faithful friend Leo Herz and see if he can't wiggle a little bit of information about Ken for us and we'll pass it along later. This much we do know. He lives in good old Chicago and we believe that he is residing on North Campbell Ave., and is a Pal of Leo Herz.

\* \* \* \* \*

If you fellows want to do a little "rag chewing" why not send in short items on how you find DX conditions, interesting infro picked up from listening in and well it is your column so just send in what you feel will be of interest, if you don't think we'll print why don't you just give us a try. We dare you, how about it?

Also we wouldn't mind it one bit if you wrote in and told us just how you liked the way we put up the information in this week's issue of the "Ham Section". If you would like to see it continued or want it abolished just drop a penny postal card to your Ham Editor whose address appears above and lets see how the majority stands - FOR or AGAINST! Lets keep up the good work, we have a dandy "Ham Edition" this week. Tell so long till next time best of luck and 73's Boris.

W8MMQ is now signing off

March 1st 1938



# NATIONAL ROUNDUP

National Listening Post

Observers reports ;

All time E.S.T.

By : Anne Eder, Willmar, Minn Short Wave Editor.

\*\*\*\*\*  
 Program Values : VP - Q2 R3; P - Q3 R4; F - Q3 R 5-9; G- Q4 R6-7; VG Q5 R8. E- Q5 R9  
 \*\*\*\*\*

## A F R I C A

Canary Isl:	EAJ43	~ 10.37	PF	Teneriffe, Salama nca Relay, See Station news.- LEO HERZ CHICAGO * LAWRY LUNDBERG & EDERS MINN*
SO Africa	ZRK	9.606	FG	Kliepheuvvel, ARTHUR B. JOHNSON NY* LEO HERZ CHICG* KEN MILLER CHICAGO * LAWRY LUNDBERG & EDERS MINN*
	ZRH	9.523	G	Robert Hights, - ARTHUR B. JOHNSON NY* LEO HERZ & KEN MILLER CHICAGO * LAWRY LUNDBERG & EDER'S MINN*
Sp Morocco	EA9AH	14.03	F	Tetuan, see station news; LUNDBERG & EDERS MINN*

## A S I A :

China	ZBW3	9.525	PF	Hong Kong, C.Forestieri NY. EDER'S MINN*
India	VUD-2	9.59	PF	Delhi, See Station news, ARTH B. JOHNSON NY EDERS*
Japan	JVH	14.60	F	Tokyo, EDER'S MINN* about 9 am,
	JVN	10.66	P	Tokyo, EDER'S MINN* 8.30 pm.
	JZZ	11.80	VG	Tokyo, Has two morning programs 6-6.30 & 7.-730am C.FORESTIERI NY* KEN MILLER & LEO HERZ CHICAGO * LAWRY LUNDBERG & EDER'S MINN*
Manchukou	JDY	9.94	FG	EDER(S MINN* Erratic ,
Neth Ind.	PLP	11.00	F	EDER'S? 8.00 am,-
	PMN	10.26	P	C. FORESTIE RI NY*
	YDB	9.55	F	Soerajaba, C.FORESTIERI NY* EDER'S MINN *
Philip.	KZRM	????	P	FORESTIERI *NY: 9.57 or 11.84

## O C E A N I A

Australia	VK2ME	9.59	VG	SYDNEY, Gong at 6am stricking 9pm Sydney time C. FORESTIERI NY*
	VK3ME	9.50	FG	FORESTIERI NY* LEO HERZ CHICAGO? LAWRY LUNDBERG & EDER'S MINN.
FIJI ISL	YLR	9.58	FG	C. FORESTIERI NY* LUNDBERG & EDER'S MINN*
	VPD2	9.54	F	EDER'S MINN: sign off at 7.00 am,

## E U R O P E

CZECHOSLO	OLR4C	11.86	G	SERGIO GONZALEZ CUBA*
VAKIA	GSB	9.51	VG	Leo Harz,Chicago * C. FORESTIERI NY*
England	GSC	9.58	VG	LEO HERZ CHICAGO* EDER'S MINN.
	GSD	11.75	FG	C. FORESTIERI NY* EDER'S MINN
	GSG	17.79	VG	C. FORESTIERI NY* EDER'S MINN.
	GSF	15.14	F	C. FORESTIERI NY* EDER'S & LAWRY LUNDBERG MINN*
	GSI	21.53	F	C. FORESFIERI NY*
	GSL	6.11	PF	EDER'S MINN.
France	TPA2	15.24	G	C. FOR STIERI NY*
	TPA3	11.88	F	C.EDER'S MINN.
Germany	DJA	9.56	FG	C. FORESTIERI NY* LEO HERZ CHICAGO* LAWRY LUNDBERG EDER'S MINN. DE

## E U R O P E - Continued :

Germany	DJB	15.26	VG	6.FORESTIERI NY* LEO HERZ CHICAGO* LAWRY LUNDBERG MINN* EDER'S MINN.
	DJC	6.02	F	LEO HERZ CHICAGO* LAWRY LUNDBERG & EDER'S MINN.
	DJD	11.77	FG	SERGIO GONZALEZ CUBA* LEO HERZ CHICAGO* LAWRY LUNDBERG & EDER'S MINN*
	DJE	17.76	FG	C. FORESTIERI NY*
	DJL	15.11	FG	C. FORESTIERI NY* EDERS MINN*
	DJN	9.54	PF	LUNDBERG & EDER'S MINN*
	DJQ	15.28	PG	C. FORESTIERI NY*
	DZC	10.29	F	LAWRY LUNDBERG MINN*
Hungary	HAT4	9.12	F	LAWRY LUNDBERG & EDER'S MINN. *
Iceland	TFJ	12.23	PF	LEO HERZ CHICAGO, LAWRY LUNDBERG & EDER'S MINN.*
Italy	2R03	9.64	G	Rome, - C. FORESTIERI ARTH B. JOHNSON NY, LEO HERZ CHG LAWRY LUNDBERG & EDER'S MINN*
	IRF	9.80	VG	ARTH B. JOHNSON & C. FORESTIERI NY* LEO HERZ CHICAGO* LAWRY LUNDBERG & EDER'S MINN*
	IQY	11.90	G	ARTH B. JOHNSON & C. FORESTIERI NY* LEO HERZ CHICAGO* LAWRY LUNDBERG & EDER'S MINN*
	IQA	14.73	F	KEN. MILLER CHICAGO? LADY ANNOUNCER.
Netherlands	PCJ	9.59	E	EDER'S MINN*
Poland	SPD	11.53	P	EDER'S MINN.
	SPW	13.63	F	EDER'S MINN. (Not audible on Special )
Portugal	CSW3	9.94	G	LAWRY LUNDBERG & EDER'S MINN*
Russia	RAN	9.60	FG	SERGIO GONZALEZ CUBA* LEO HERZ CHICAGO * EDER'S MINN*
	RNE	12.06	F	LAWRY LUNDBERG MINN*
Spain	EAR	9.488	G	EDER'S MINN*
Vatican	HVJ	15.17	P	LEO HERZ CHICAGO *

## S O U T H A M E R I C A

Argentina	LRX	9.66	E	LAWRY LUNDBERG & EDER'S MINN*
Brazil	BSH	10.22	G	R. HOYNES LONDON, FRANK POTTS EDMONTON CANADA* LEO HERZ CHICAGO * LAWRY LUNDBERG & EDER'S MINN*
Colombia	HJ1ABE	4.86	FG	LEO HERZ CHICAGO ( Sked 8.00 - 10.30 pm. )
	HJ1ABP	9.60	VG	C. FORESTIERI NY* LEO HERZ CHICAGO * LAWRY LUNDBERG & EDER C. FORESTIERI NY*
	HJ3ABH	4.90	G	LEO HERZ CHICAGO * LAWRY LUNDBERG & EDER'S MINN*
	HJ6ABH	9.52	FG	Medelin - EDER'S MINN ( Testing 10-11 pm. )
	HJ6ABU	8.675	G	Bucaramanga : FRANK POTTS EDMONTON CANADA* KEN MILLER & LEO HERZ CHICAGO * LAWRY LUNDBERG & EDER'S MINN:
	HJ7ABD	9.63	VG	ARTHUR B. JOHNSON NY* See Station news.
Ecuador	HCJB4	7.41	FG	EDER'S MINN*
	HC2LSB	7.85	F	Quito , - EDER'S MINN* ( Sig off 10.45 Blue Danube waltz)
	HC1CQ	9.17	G	Quito, EDERS MINN* ( Friendship hour engl, Sun 9-9.30pm)
	HCJB	8.84	G	ARTHUR B JOHNSON NY* See station news:
Chile	CD1190	11.914	FG	Lima * C.EDER'S MINN- Heard 7 am - .
Peru	OAX4T	9.56	VG	Lima- C.EDER'S MINN.
	OAX4J	9.34	P	LAWRY LUNDBERG & EDER'S MINN*
Braguay	CXA8	9.64	VG	Maracaibo- EDER'S MINN*
Venezuela	YV1RB	5.85	VG	SERGIO GONZALEZ CUBA *
	YV1RI	6.21	VG	R. HOYNES LONDON* SERGIO GONZALEZ CUBA* LEO HERZ CHICAGO EDER'S MINN*
	YV1RL	5.935	VG	EDER'S MINN* Mention Radio Phillips* Valencia -
	YV4RB	6.53	FG	LEO HERZ CHICAGO * EDER'S MINN*
	YV5RC	5.80	E	Caracas- SERGIO GONZALEZ CUBA* EDER'S MINN*
	YV5RP	6.27	G	EDER'S MINN* Signed off 9.20 pm.-
	YV6RB	6.54	FG	

\*\*\*\*\* C E N T R A L A M E R I C A \*

Costa Rica	TIEP	6.68 G	San Jose - EDER'S MINN*
	TILS	5.90 F	San Jose - EDER'S MINN*
	TIPG	6.41 F	San Jose - EDER'S MINN*
	TIGPH	5.87 F	SAN Jose - EDER'S MINN*
	TI4NRH	9.70 VG	Heredes - ARTH B. JOHNSON & C. FORESTERI NY* SERGIO GONZALEZ CUBA * EDER'S MINN*
Guatemala	TGQA	6.44 G	ARTH B. JOHNSON NY* EDER'S MINN * See Station news-
	TG2X	5.94 G	Guatemala City - Eder's minn - C. FORESTIERI NY,
	TG2	6.20 G	Guatemala City - SERGIO GONZALEZ CUBA* LAWRY LUNDBERG & EDER'S MINN*
	TGWA	9.68 VG	C. FORESTIERI NY* EDER'S MINN*
	TGWA	15.17 F	EDER'S MINN*
Honduras	HRN	5.875 F	Tegucigalpa, - SERGIO GONZALEZ CUBA* EDER'S MINN*
	HRD	6.23 VG	LAWRY LUNDBERG & EDER'S MINN*
Br Hond	ZIK"	6.235 F	R. HOYNES LONDON ENGLAND *
Nicaragua	YNOP	5.75 F	LEO HERZ CHICAGO * EDER'S MINN*
	YNLG	6.61 F	EDER'S MINN*
	YN1GG	6.51 P	EDER'S MINN ( QRM'ed by CW)
Panama	HP5A	LL.70 F	LAWRY LUNDBERG MINN*
	HP5B	6.03 F	EDER'S MINN*
	HP5J	9.59 FG	SERGIO GONZALEZ CUBA * KEN MILLER CHICAGO *
	HP5K	6.001 VG	SERGIO GONZALEZ CUBA*
	HP5I	11.90 P	LAWRY LUNDBERG MINN*
Salvadore	SSD	7.89 VG	EDER'S MINN*

## W E S T I N D I E S

Cuba	COCX	9.25 G	This station has program in Yiddish * EDER'S MINN*
	COCQ	9.75 E	C. FORESTIERI NY* HERZ CHICAGO*
	COCM	9.86 E	C. FORESTIERI NY* LEO HERZ CHICAGO?* EDER'S MINN*
Dom Rep	HI2X	11.97 VG	LAWRY LUNDBERG MINN *
	HIN	6.24 G	Trujile, - EDER'S MINN*
F.W.I.	....	9.68 G	Radio Martinique Ft de France, - LAWRY LUNDBERG MINN*
Haiti	HH3W	9.64 F	EDER'S MINN*
	HH2S	5.89 F	EDER'S MINN*

## N O R T H A M E R I C A

Mexico	XEBT	6.00 G	EDER'S MINN *
	XEUW	6.02 F	EDER'S MINN*
	XEWI	11.90 F	EDER'S MINN*
	XEFT	9.55 G	SERGIO GONZALEZ CUBA *
	XEZR	11.82 FG	Hermosela - KENN MILLER CHICAGO *
	XEWW	9.50 E	FRANK POTTS EDMONTON * LEO HERZ CHICAGO *
	XEWW	15.16 F	EDER'S MINN.
Canada	CJRX	11.72 E	EDERS MINN * ( Winnipeg )
	CJCX	6.01 G	Sydney NS. - SERGIO GONZALEZ ( Audible after COCO is off
	VE9CA	6.03 E	Calgary - EDER'S MINN*
USA:	W2XE	11.83 P	NY* - Very fluttery LAWRY LUNDBERG MINN*
	WLXK	8.65 G	Springfield Mass asking for reports. EDER'S MINN*
	WLXAL	6.04 E	SERGIO GONZALEZ CUBA *

We wish to take this opportunity to express our Thanks and appreciation to KENN MILLER of Chicago and FRANK POTTS of Edmonton Alta Canada for their reports we hope to see you join up with the NRC in the near future .

We also thank our NPO: Carl Forestery NY, ARTH B. JOHNSON NY. SERGIO GONZALEZ HAVANA CUBA . LEO HERZ CHICAGO and last but not least LAWRY LUNDBERG the TWIN CITY NIGHT OWL for their Loyal support .

\*\*\*\*\* STATION NEWS ---- & ---- NEW STATIONS \*\*\*\*\*

Radio Milano : 10.70 mc, Announcing as Italian Communist station was heard by Carl Forestieri NY. They do not give locations and Carl is certain that this station is NOT located in Italy.

6B 1190 ----: La Voz de Valdivia City, Valdivia City, Chile Arthur B. Johnson N.Y. logged them actually on 11.914 mc,

HCJB-4 ----: Logged by Arthur B. Johnson NY. on 7.41 mc, this station is not in parallel with HCJB the call was positively identified but , Slogan and location yet to be determined.

TGQA -----: Quetzaltenango Guatemala, : La Voz de Quezaltomango heard 6.44mc frequency variable from 6.435 to 6.444 broadcasting in parallel with TGW , Send reports to : TGQA % Director General of Electrical Communications, Guatemala City.

Portuguese Mystery Station 6.65 mc, ( 45 meters) on off days Call not indentified but Physical Laboratory of the University of Coimbra, Portugal have been mentioned ; ( F. W. Hill London England. )

German Broadcast to Brazil - Every Wednesday 19.00 - 20.00 GMT ( Thu 12.am - 1am ) Berlin broadcast to the Radio Club of Brazil at Pernambuco over DZC 14.888 mc, DZE 12.13 mc, DZG 15.36 mc, and DZH 14.60 mc, ( F.W.Hill London England, )

Relays from Radio Salamanca Spain : over a network with War Bulletins by General Franco 10.373 ( EDR4 ) Teneriffe Las Palmas ; - 7.006 mc ( FET1 ) Valladolid ; - 7.206 mc, ( EAJ8 ) San Sebastian, 7.027 mc, ( FET ) Victoria - 7.24 mc Gijon,- 14.032 mc, Taca,- 7.121 mc, Alcazarguivis. vis - ( F. W. Hill London England :

Malayan Broadcasts: 2 new stations of the British Malaya Broadcasting Corp. will be inaugurated in March ; ZHF 9.53mc (.31.48 metres) and ZHO on 6.012 mc, ZHP will transmit Sat & Sun only while ZHO will be on weekdays only.- Power and schedule not known as yet. F.W.HILL, London )

Switzerlands Projected SW Transmitter. by the Swiss Governement has been proposed in the neighborhood of Berne, and will be 20 KW. ( R.HOYNES LONDON )

The London DX'er who recently won the Short Wave & Television Trophy ( awarded to the SW Listener who receives most stations in a month) was an unemployed man His achievements have been awarded by Messers Peto Scott, London England who gave him a job, apart from that they have made an exact duplicate of the 2 tube receiver and put in on the market the Name is " The B.T.S. Trophy2". R.B. HOYNES LONDON.

Attention Members :

Mr F.W. Hill, 24 Athelney St , Bellingham S.E.6. London England, has very kindly offered his services to any member wishing to obtain English Postage stamps ( Unused) to exchange them for US Coin or in small lot for U.S. Stamps,

We wish to thank Mr Hill and R. Hoynes for their contributions to the S.W. Pages, and hope to see you come back with more. Friend Hill we hope to see your name on the list of NEW MEMBERS in the near future . Cheorio O.M.

## After-Midnight Monitoring Schedule

(cent)

2nd Wednesday2nd Thursday2nd Thursday

5:50	6:05	249	3:30 3:45	391	4:25	4:40	1210 WGOM 368
5:55	6:10	250	3:35 3:50 1420 WPRP Pmnce P.R.	358			Miss City Miss 630 WGBF 402
6:00	6:15	251		392	4:30	4:45	Evansville Ind 1310 KFYO 323
6:05	6:20	252	3:40 3:55 1200 WFTC Kinston N.C.	359			Lubbock Tex 1370 WFOR 369
6:10	6:25	253		393			Hattiesburg Miss 940 WAVE 403
6:15	6:30	254	3:45 4:00 1240 WKAQ San Juan P.R.	360	4:35	4:50	Louisville Ky 1410 KFJM 324
6:20	6:35	255		394			Grand Forks N.D. 1430 WMPS 370
6:25	6:40	256	3:50 4:05 1440 WBIG Greensboro N.C.	361			Memphis Tenn 1500 WTMV 404
6:30	6:45	257		395	4:40	4:55	E.St Louis Ill 1200 WBHP 371
6:35	6:50	258	3:55 4:10 1210 WFOY St Augustine Fla	362			Huntsville Ala 1380 KQV 405
6:40	6:55	259		396			Pittsburgh Pa 1310 KWOS 326
6:45	7:00	260	4:00 4:15	317	4:45	5:00	Jefferson City Mo 880 WCCG 372
<u>2nd Thursday</u>			1370 WAGF Dothan Ala	363			Meridian Miss 1370 WGRC 406
				397			New Albany Ind 1500 KGTN 327
3:00	3:15	1500 WKAT 351 Miami Beach Fla	4:05 4:20	318	4:50	5:05	Pine Bluff Ark 373
		385		1500 KPLC 364			
3:05	3:20	1200 WJBD 352 Tuscaloosa Ala		Lake Charles La			407
		386	4:10 4:25	398			
3:10	3:25	1210 WSOC 353 Charlotte N.C.		Flint Mich			
		387		319	4:55	5:10	760 WEW 328
3:15	3:30	1310 WAML 354 Laurell Miss		Toledo Ohio			St Louis Mo 374
		388	4:15 4:30	399			
3:20	3:35	1370 WPRA 355 Mayaguez P.R.		Cincinnati Ohio			1420 WJMS 408
		389	4:20 4:36	320	5:00	5:15	Ironwood Mich 1320 KGHF 329
3:25	3:40	1210 WPAX 356 Thomasville Ga		1370 WMFO 366			Pueblo Colo 375
		390		Dekatur Ala			
3:30	3:45	560 WQAM 357 Miami Fla	4:25 4:40	1200 WCPO 400			1370 WHDF 409
				Cincinnatti Ohio			Calumet Mich 419
				1500 WKEU 367	5:05	5:20	1500 KGFI 330
				Griffin Ga.			Brownsville Tex 376
				1420 KFIZ 401			
				Fond du Lac Wis			Elkhart Ind 410
				322			420

## After-Night Monitoring Schedule

(Key to numbers) 317 to 350 Monitored from Grand Island

" " " 351 to 384 Monitored from Atlanta

" " " 385 to 418 Monitored from Chicago

" " " 419 to 452 Monitored from San Pedro

The numbers above are all keys to Thursdays Schedule

(Cont.)

2nd Thursday

2nd Thursday

2nd Thursday

5:10	5:25	1210 KHBG Okmulgee Okla	331	5:40	5:55	1210 WMFG Hibbing Minn	337	6:30	6:45		347
			377				383			1070 KJBS San Francisco	437
			411				417	6:35	6:50		348
			421				427			1310 KSUB Ceder City Utah	438
5:15	5:30	1370 KONO San Antonio Tex	332	5:45	6:00	1420 KRLH Midland Tex	338	6:40	6:55		349
			378				384			1210 KDON Monterey Calif	
			412				418	6:45	7:00		350
			422				428			750 KGU Honolulu T.H.	440
5:20	5:35	1500 KGKB Tyler Tex	333	5:50	6:05	1310 KCRJ Jerome Ariz	339	6:50	7:05	1260 KHSL Chico Cal	441
			379				429	6:55	7:10	1210 KROY Sacramento Cal	
			413	5:55	6:10	1210 KIUL Garden City Kan	340	7:00	7:15		443
			423			1260 KVOS Tucson Ariz	430	7:05	7:20		444
5:25	5:40	1210 KASA Elk City Okla	334	6:00	6:15		341	7:10	7:25		445
			380				431	7:15	7:30		446
			414	6:05	6:30		342	7:20	7:35		447
			424			1310 KHUB Watsonville Cal	432	7:25	7:40		448
5:30	5:45	1370 KFRQ Longview Tex	335	6:10	6:25		343	7:30	7:45		449
			381			1420 KGGC San Francisco C	433	7:35	7:50		450
			415	6:15	6:30		344	7:40	7:55		451
			425			1370 KGAR Tucson Aris	434	7:45	8:00		452
5:35	5:50	1500 KNOW Austin Tex	336	6:20	6:35		345				
			382			1310 KSRO Santa Rosa Cal	435				
			416	6:25	6:40		346				
			426			740 KTRB Modesto Cal	436				

(Key to numbers): 453 to 486 Monitored from Grand Island  
 " " " 487 to 508 Monitored from Boston  
 " " " 509 to 542 Monitored from Chicago  
 " " " 543 to 564 Monitored from Baltimore

The above numbers are all keys to Fridays Schedule

2nd Friday	2nd Friday	2nd Friday	
3:00 3:15	487 509 1370 WSWS 543 Buffalo N Y	3:45 4:00 Reading Pa 3:50 4:05 1500 WSYB 497 Rutland Vt	4:20 4:35 1500 WMBQ 503 Brooklyn N Y 525
3:05 3:20	488 510 1310 WJAC 544 Johnstown Pa		1370 WRAK 559 Williamsport Pa 458
3:10 3:25	489 511 1210 WJTN 545 Jamestown N Y	3:55 4:10 1370 WDAS 553 Philadelphia Pa 1290 WNEZ 498 Saranac N Y 520	1210 WGNY 504 Newburgh N Y 1310 WBOW 526 Terre Haute Ind 560
3:15 3:30	490 512 1370 WBLK 546 Clarksburg W Va	4:00 4:15 570 WSYR 554 Syracuse N Y 453	4:30 4:45 459
3:20 3:35	491 513 1420 WLEU 547 Eric Penna	499 521 1310 WBRE 555 Wilkes-Barre Pa	505 1200 WJBL 527 Decatur Ill 561
3:25 3:40	1280 WCAP 492 Asbury Park N J 514	4:05 4:20 1500 WNLC 500 New London Conn 522	4:35 4:50 1420 KATE 460 Albert Lea Minn 506
	1210 WSAY 548 Rochester N Y	1370 WBTM 556 Danville Va	1500 WKBB 528 Dubuque Iowa 562
3:30 3:45	550 WDEV 483 Waterbury Vt 515	4:10 4:25 455 1210 WGBB 501 Freeport N Y 523	4:40 4:55 890 KARK 461 Little Rock Ark 507
3:35 3:50	1310 WGH 549 Newport News Va	1430 WHEC 557 Rochester N Y	1210 WJIM 529 Lansing Mich 563
	1500 WCNW 494 Brooklyn N Y 516	4:15 4:30 456 1200 WTHT 502 Hartford Conn 524	4:45 5:00 1370 WHLB 462 Virginia Minn 508
3:40 3:55	1420 WMBS 550 Uniontown Pa	558	1310 WEKL 530 Royal Oak Mich 564
3:45 4:00	1210 WFAS 495 White Plains N Y 517 1350 WMEG 551 Richmond Va 1430 WOKO 496 Albany N Y 518	4:20 4:35 457	4:50 5:05 1420 KIUN 463 Pecos Texas 531

## After-Midnight Monitoring Schedule

(cont)

2nd Friday

4:55	5:10	1200 KFJB	464	6:15	6:30	480	"
		Marshalltown Ia					
		y.t. 532		6:20	6:35	481	
5:00	5:15	1230 KGGW	465	6:25	6:40	482	
		Albuquerque N.M.					
		1310 WBEQ	533	6:30	6:45	483	
		Marquette Mich					
5:05	5:20	1420 KGIW	466	6:35	6:50	484	
		Alamosa Colo					
		1500 WKBW	534	6:40	6:55	485	
		Richmond Ind					
5:10	5:25	1200 KGDE	467	6:45	7:00	486	
		Fergus Falls M					
		1210 WHBF	535				
		Rock Island Ill					
5:15	5:30	1370 KGFL	468				
		Roswell N.Mex					
		1310 WEMP	536				
		Milwaukee Wis					
5:20	5:35	1420 KEUB	469				
		Price Utah					
		537					
5:25	5:40	1200 WCAT	470				
		Rapid City SDak					
		1210 WEBQ	538				
		Harrisburg Ill					
5:30	5:45	1370 KWYO	471				
		Sheridan Wyo					
		539					
5:35	5:50	1420 KIDW	472				
		Lamar Colo					
		540					
5:40	5:55	1200 KFXJ	473				
		Grand Jct Colo					
		541					
5:45	6:00	1230 KGBX	473				
		Springfield Mo					
		542					
5:50	6:05	1310 KRQA	475				
		Santa Fe N Mex					
5:55	6:10		476				
6:00	6:15		477				
6:05	6:20		478				
6:10	6:25		479				

After-Midnight Monitoring Schedule  
 (Key to numbers) 565 to 598 Monitored from Grand Island  
 " " " 599 to 632 Monitored from Atlanta  
 " " " 633 to 666 Monitored from Chicago  
 " " " 667 to 700 Monitored from Portland

2nd Saturday		2nd Saturday		2nd Saturday	
3:00 3:15	599	4:05 4:20	566	4:45 5:50	1290 KLCN 574 Blytheville Ark
		633	1120 WJBO 612 Baton Rouge La		1370 WMBR 620 Jacksonville Fla
3:05 3:20	600		1380 WSMK 646 Dayton Ohio		1200 WMFC 654 Lapeer Mich
	634	4:10 4:25	567	4:50 5:05	1270 KGCA 575 Decorah Iowa
3:10 3:25	601		1310 WTAL 613 Tallahassee Fla		621
	635		1210 WQMT 647 Manitowoc Wisc.		655
3:15 3:30	602	4:15 4:30	568	4:55 5:10	1210 KOCA 576 Kilgore Tex
	636		1290 WNEL 614 San Juan P R		1310 KVOL 622 Lafayette La
3:20 3:35	603		570 WOSU 648 Columbus Ohio		656
	637	4:20 4:35	569	5:00 5:15	1500 KBIK 577 Muskogee Okla
3:25 3:40	604		1420 WMSD 615 MuscleShoals A		1200 WBNO 623 New Orleans La
	638		1020 WDE 649 Tuscola Ill		657
3:30 3:45	605	4:25 4:40	570	5:05 5:20	1260 KPAC 578 Port Arthur Tex
	639		1310 WGTM 616 Wilson N C		624
3:35 3:50	606		1210 WHBU 650 Anderson Ind		658
	640	4:30 4:45	571		668
3:40 3:55	1210 WJW 641 Akron Ohio		1200 WJBW 617 New Orleans La	5:10 5:25	1210 KANG 579 Withita Kans
3:45 4:00	1430 WBNS 642 Columbus Ohio		570 WKBN 651 Youngstown O		1310 WROL 625 Knoxville Tenn
3:50 4:05	1200 WOLS 609 Florence S C	4:35 4:50	1010 WNAD 572 Norman Okla		659
	1450 WGAR 643 Cleveland Ohio		1420 WGFC 618 Albany Ga		669
3:55 4:10	1310 WLAK 610 Lakeland Fla		1240 WXYZ 652 Detroit Mich	5:15 5:30	1290 KTRH 580 Houston Tex
	1210 WCOL 644 Columbus Ohio	4:40 4:55	1500 KOVC 573 ValleyCity N D		1200 KMLB 626 Monroe La
4:00 4:15	565		1310 WTJS 619 Jackson Tenn		660
	1360 WQBC 611 Vicksburg Miss		1210 WTAX 653 Springfield Ill		670
	1070 WCAY 645 Carthage Ill				

## After-Midnight Monitoring Schedule

2nd Saturday				2nd Saturday				2nd Saturday			
5:20	5:35	1240 KLPN	581	5:55	6:10	1210 KPFA	588	7:10	7:25		693
		Minot N Dak				Helena Mont					694
			627				678	7:15	7:30		695
				661	6:00	6:15	589	7:20	7:35		695
						1250 KIT	679	7:25	7:40		696
			671			Yakima Wash					696
5:25	5:40	1210 KV60	582	6:05	6:20		590	7:30	7:45		697
		Ardmore Okla				900 KGBU	680	7:35	7:50		698
			628			Ketchikan Alas					698
				662	6:10	6:25	591	7:40	7:55		699
						1210 KFJI	681	7:45	8:00		700
5:30	5:45	1270 KWLC	583	6:15	6:30		592				
		Decraha Iowa				1310 KGEZ	682				
			629			Kalispell Mont					
				663	6:20	6:35	593				
					673		1260 KGVO	683			
						Missoula Mont					
5:35	5:50	1310 KTSM	584	6:25	6:40		594				
		El Paso Tex				1210 KGY	684				
			630			Olympia Wash					
				664	6:30	6:45	595				
					674		1310 KXRO	685			
						Aberdeen Wash					
5:40	5:55	1210 KWTN	585	6:35	6:50		596				
		Watertown S D				1450 KGCX	686				
			631			Wolf Point Mont					
				665	6:40	6:55	597				
					675		1120 KFIQ	687			
						Spokane Wash					
5:45	6:00	1250 WLB	585	6:45	7:00		598				
		Minneapolis Min				1310 KINY	688				
			632			Juneau Alaska					
				666	6:50	7:05	780 KF4D	689			
						Anchorage Alaska					
			676		6:55	7:10	1390 KRLC	690			
						Lewiston Idaho					
5:50	6:05	1370 KOEH	587	7:00	7:15		691				
		Rapids City S D									
			677	7:05	7:20		692				